STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116966
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 66981

1. OWNER Barrick/Cortez Gold Mine
MAILING ADDRESS HC 66 Box 1250
Cresent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills
Chpz-175

2. LOCATION SE ¼ SE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O1679
Issued by Water Resources Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 534309 ☑ NAD 27
N 4445678 ☐ NAD 83/WGS 84
County: Lander

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other...

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☑ RVC
☐ Air ☐ Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	100	100
Alluvium		100	1100	1000
Clay		1100	1300	200
Basalt		1300	1800	500
Dulamite		1800	2200	400
Quartz		2200	2620	420

Date started 6-May , 20 11
Date completed 30-May , 20 11

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2620	6		1 hr

8. *WELL CONSTRUCTION*
Depth Drilled 2620 Feet Depth Cased 2620 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14"	Inches	0	Feet	40	Feet
8 1/4"	Inches	40	Feet	800	Feet
7 7/8	Inches	800	Feet	2620	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10"		.188	0	40
2"		Steel Blank schedule80	+2	1960
2"		Slotted Steel schedule80	1960	2620

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 1960 feet to 2620 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 50'
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1958 feet to 2620 feet

9. *WATER LEVEL*
Static water level 1080 feet below land surface
Artesian flow no G.P.M n/a P.S.I
Water temperature cool °F Quality clean

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2383
Signed (By driller performing actual drilling on site or contractor)
Date 6/5/2011

(Rev. 06/10)

40.162655°N NAD27
116.597119°W Dec/Deg

USE ADDITIONAL SHEETS IF NECESSARY